

Navy Advancement Center

Web site: <http://www.advancement.cnet.navy.mil>

Advancement Handbook for Aircrew Survival Equipmentman

This Advancement Handbook was last revised on: 30 July 1999

PREFACE

The purpose of the Advancement Handbook is to help you focus your preparation for Navywide advancement-in-rating examinations. The bibliographies (BIBs) together with this handbook form a comprehensive examination study package. Since this handbook provides skill and knowledge components for each paygrade of the Aircrew Survival Equipmentman (PR) rating, it helps you concentrate your study on those areas that may be tested. This feature will help you get the most out of your study time.

Each page in Parts 1 through 4 of this Advancement Handbook presents general skill areas, specific skill areas, the knowledge factors associated with each skill area, the pertinent references that address each skill, and the subject areas that may be covered on the examination. The skill statements describe the skills you are expected to perform for each paygrade. The skill statements are cumulative; that is, you are responsible for the skills for the paygrade you are competing for, your present paygrade, and all paygrades below.

Although this handbook is very comprehensive, it cannot cover all the tasks performed in the rating. As a result, the advancement examinations may contain questions more detailed than described in the “*Exam Expectations*” section of the skill areas.

Remember that advancement competition is keen, so your keys to advancement include not only comprehensive advancement examination study but also sustained superior performance.

Prepared by
Navy Advancement Center Department,
Naval Education and Training Professional
Development and Technology Center

CONTENTS

PARTS	PAGE
1 Advancement Handbook for PR3.....	1-1
2 Advancement Handbook for PR2.....	2-1
3 Advancement Handbook for PR1.....	3-1
4 Advancement Handbook for PRC	4-1
Appendix A References Used in This Advancement Handbook	A-1

Part 1

Advancement Handbook for PR3

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Mechanical Maintenance
A <i>skill</i> you are expected to perform from the General Skill Area above:	Maintain carbon dioxide cylinders
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Carbon dioxide cylinder cleaning and inspection procedures • Carbon dioxide cylinder replacement procedures • Carbon dioxide cylinder weighing procedures • Carbon dioxide cylinder functional check procedures • Aircraft fire bottle inspection and cleaning procedures • Inflation bottle hydrostatic test procedures
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Crew Systems Inflatable Survival Equipment, (life rafts), Chapter 9 (NAVAIR 13-1-6.1-1) • Aircrew Survival Equipmentman 2, Chapter 8 (NAVEDTRA 10380)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about maintenance on carbon dioxide cylinders. Questions will be equipment specific or of a general nature. You will be questioned on inspecting and cleaning aircraft fire bottle cylinders. You will also be questioned on procedures for weighing, inspecting, testing, and cleaning carbon dioxide cylinders as well as carbon dioxide cylinder replacement procedures. In addition, you will be questioned on how to calculate hydrostatic test dates for inflation bottles.

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Mechanical Maintenance
A <i>skill</i> you are expected to perform from the General Skill Area above:	Maintain carbon dioxide charging pumps
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Carbon dioxide charging pump troubleshooting procedures • Carbon dioxide charging pump cleaning and inspection procedures • Carbon dioxide charging pump lubrication procedures
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aircrew Survival Equipmentman 2, Chapter 8 (NAVEDTRA 10380)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	<p>You can expect questions about maintenance on carbon dioxide charging pumps. Questions will be specific to a type of equipment or of a general nature. You will be questioned on troubleshooting techniques and inspection procedures for carbon dioxide charging pumps. You will also be questioned on lubrication procedures for carbon dioxide charging pumps.</p>

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Mechanical Maintenance
A <i>skill</i> you are expected to perform from the General Skill Area above:	Maintain seat pans
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Seat pan cleaning and inspection • Seat pan component replacement • Seat pan replacement • Seat pan cushion cleaning, inspection, and replacement • Seat pan locking-mechanism adjustment • Seat pan accessory equipment inventory • Seat pan converter test • Seat pan hand pull test • Seat pan cyclic functional check • Seat pan assembly packing • Seat pan tamper-dot compound application • Seat pan survival items inspection
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Crew Systems Seat Survival Kits, Chapters 2 through 10 (NAVAIR 13-1-6.3-1) • Aviation Crew Systems Seat Survival Kits, Chapters 1 through 10 (NAVAIR 13-1-6.3-2) • Aircrew Survival Equipmentman 2, Chapter 7 (NAVEDTRA 10380)

<p><i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:</p>	<p>You can expect questions about seat pan maintenance. Questions will be specific to a type of equipment or of a general nature. You will be questioned on seat pan cleaning, inspection, seat pan component replacement, and seat pan replacement. You will also be questioned on seat pan cushion cleaning, inspection, and replacement. In addition, you will be questioned on seat pan locking-mechanism adjustments and seat pan accessory equipment inventory. Further, you will be questioned on the seat pan converter test, the seat pan hand pull test, and the seat pan cyclic functional check. You will also be tested on seat pan assembly packing as well as on seat pan tamper-dot compound application and seat pan survival item inspections.</p>
---	--

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Ordnance Maintenance
A <i>skill</i> you are expected to perform from the General Skill Area above:	Maintain sea-water-activated release systems (SEAWARS)
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • SEAWARS cleaning and inspecting • SEAWARS component replacement
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • General Use Cartridges, Cartridge Actuated Devices for Aircraft and Unique Aircraft Systems, Chapter 2 (NAVAIR 11-100-1.1) • Drogue Parachute Systems, Work Package 024 (NAVAIR 13-1-6.2)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about SEAWARS. Questions will be specific to a type of equipment or of a general nature. You will be questioned on cleaning and inspecting SEAWARS as well as on replacing components of SEAWARS.

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Ordnance Maintenance
A <i>skill</i> you are expected to perform from the General Skill Area above:	Maintain cartridge-activated devices (CADs)
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • CAD cleaning and inspecting • CAD replacement
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • General Use Cartridges, Cartridge Actuated Devices for Aircraft and Unique Aircraft Systems, Chapter 2 (NAVAIR 11-100-1.1) • Aviation Crew Systems Inflatable Survival Equipment, (life preservers), Chapters 1, 2, and 16 (NAVAIR 13-1-6.1-2) • Aircrew Survival Equipmentman 2, Chapters 2, 3, and 6 (NAVEDTRA 10380)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about maintaining CADs. Questions will be specific to a type of equipment or of a general nature. You will be questioned on cleaning, inspecting, and replacing CADs.

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Oxygen, Nitrogen and Liquid Oxygen System
A <i>skill</i> you are expected to perform from the General Skill Area above:	Maintain oxygen masks
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Oxygen mask functional checks
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Crew Systems Aircrew Personal Protective Equipment, Chapters 14 and 15 (NAVAIR 13-1-6.7)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about performing functional checks on oxygen masks. Questions will be specific to a type of equipment or of a general nature. You will be questioned on proper procedures in checking all types of oxygen masks.

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Oxygen, Nitrogen and Liquid Oxygen System
<i>A skill</i> you are expected to perform from the General Skill Area above:	Maintain pressurized gaseous oxygen and liquid oxygen (LOX) systems
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Gaseous oxygen system troubleshooting • Gaseous oxygen system purging • Gaseous oxygen equipment bench testing • LOX system troubleshooting • LOX system component cleaning and inspecting • LOX system component replacement • LOX system filling • LOX system functional check procedures
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Crew Systems Oxygen Equipment, Chapters 3, 3A, 10, 11, and 12 (NAVAIR 13-1-6.4) • Aircrew Survival Equipmentman 2, Chapters 10 and 11 (NAVEDTRA 10380)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about gaseous oxygen and LOX systems. Questions will be specific to a type of equipment or of a general nature. You will be questioned on troubleshooting, purging, bench testing, pressurized gaseous oxygen systems. In addition, you will be questioned on functional checks, replacing components, and refilling procedures for LOX systems. You also will be questioned on cleaning and inspecting components of LOX systems.

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Oxygen, Nitrogen and Liquid Oxygen System
<i>A skill</i> you are expected to perform from the General Skill Area above:	Maintain oxygen regulators
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Oxygen regulator cleaning and inspection • Oxygen regulator replacement • Panel-mounted oxygen regulator functional checks • Chest-mounted oxygen regulator functional checks • Oxygen regulator adjustment • Oxygen regulator component replacement
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Crew Systems Oxygen Equipment, Chapters 1 through 27 (NAVAIR 13-1-6.4) • Aircrew Survival Equipmentman 2, Chapters 7, 11, and 12 (NAVEDTRA 10380)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about maintaining oxygen regulators. Questions will be specific to a type of equipment or of a general nature. You will be questioned on cleaning and inspecting oxygen regulators. You will also be questioned on replacing and adjusting oxygen regulators. In addition, you will also be asked questions on performing functional checks on panel- and chest-mounted oxygen regulators as well as replacing components on oxygen regulators.

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Oxygen, Nitrogen and Liquid Oxygen System
<i>A skill</i> you are expected to perform from the General Skill Area above:	Maintain liquid oxygen (LOX) converters
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • LOX converter component cleaning and inspection • LOX converter cleaning and inspection • LOX converter component replacement • LOX converter functional checks • LOX converter test stand cleaning and inspection • LOX converter purging • LOX converter filling
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Crew Systems Oxygen Equipment, Chapters 1 through 3, 12 through 17, and 20 through 21 (NAVAIR 13-1-6.4) • Aircrew Survival Equipmentman 2, Chapters 11 and 12 (NAVEDTRA 10380)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	<p>You can expect questions about maintaining LOX converters. Questions will be specific to a type of equipment or of a general nature. You will be questioned on the cleaning and inspection of LOX converters and on the cleaning and inspection of components of LOX converters. You will also be questioned on the replacement of LOX converter components as well as on LOX converter functional checks. In addition, you will be questioned on LOX converter test stand cleaning and inspection. Further, you will be questioned on the purging and filling of LOX converters.</p>

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Oxygen, Nitrogen and Liquid Oxygen System
A <i>skill</i> you are expected to perform from the General Skill Area above:	Maintain seat pan oxygen systems
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Seat pan oxygen system functional check • Seat pan oxygen bottle refilling • Seat pan oxygen system leak check • Seat pan oxygen system component cleaning and inspection • Seat pan individual survival kit installation
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Crew Systems Seat Survival Kits, Chapters 3 through 10 (NAVAIR 13-1-6.3-1) • Aviation Crew Systems Seat Survival Kits, Chapters 3 through 10 (NAVAIR 13-1-6.3-2) • Aircrew Survival Equipmentman 2, Chapter 7 and 12 (NAVEDTRA 10380)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	<p>You can expect questions about maintenance on seat pan oxygen systems. Questions will be specific to a type of equipment or of a general nature. You will be questioned on performing functional checks on seat pan oxygen systems, refilling seat pan oxygen bottles, and checking for leaks in oxygen systems seat pans. You will also be questioned on cleaning and inspection of components on seat pans. In addition, you will be questioned on the installation of individual survival kits installed in seat pans.</p>

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Oxygen, Nitrogen, and Liquid Oxygen System
A <i>skill</i> you are expected to perform from the General Skill Area above:	Maintain oxygen support equipment (SE)
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Oxygen SE preoperational checks • Oxygen SE cleaning and inspection
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Crew Systems Seat Survival Kits, Chapters 1, 2, and 5 (NAVAIR 13-1-6.3-1) • Aviation Crew Systems Seat Survival Kits, Chapters 1, 2, 4, and 5 (NAVAIR 13-1-6.3-2) • Aviation Crew Systems Oxygen Equipment, Chapters 1, 2, 3, and 23 (NAVAIR 13-1-6.4) • Aircrew Survival Equipmentman 2, Chapters 11, and 12 (NAVEDTRA 10380)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about maintaining oxygen support equipment. Questions will be specific to a type of equipment or of a general nature. You will be questioned on performing preoperational checks of oxygen SE, as well as cleaning and inspecting oxygen SE.

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Sewing Machine Maintenance
A <i>skill</i> you are expected to perform from the General Skill Area above:	Maintain sewing machines
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Sewing machine troubleshooting procedures • Sewing machine cleaning and inspection procedures • Sewing machine component replacement and lubricating procedures • Sewing machine timing and tension adjustment
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aircrew Survival Equipmentman 2, Chapter 9 (NAVEDTRA 10380) • Maintenance Instructions with Illustrated Parts Breakdown, Chapters 1 through 17 (NAVAIR A6-215PC-MEB-000)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about sewing machine maintenance. Questions will be specific to a type of equipment or of a general nature. You will be questioned on cleaning, inspecting, and troubleshooting sewing machines. You can also expect questions on broken component replacement, lubrication, and timing and tension adjustment for all types of sewing machines.

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Fabricate and Manufacture
A <i>skill</i> you are expected to perform from the General Skill Area above:	Manufacture projects
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Snap cleaning, inspection and replacement • Rivet replacement • Grommet cleaning, inspection and replacement • Slide fastener cleaning, inspection and replacement • Hook and pile tape inspection and replacement • Pattern design, lay out, and cutting • Material cutting • Template manufacturing • Impregnated item, webbing, and protective cover fabrication • Name tag, patch and pocket, seam, rip, snag, and tear sewing techniques
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Crew Systems Aircrew Personal Protective Equipment, Chapters 4 through 9, 13 and 14 (NAVAIR 13-1-6.7) • Aircrew Survival Equipmentman 2, Chapters 9 and 10 (NAVEDTRA 10380)

<p><i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:</p>	<p>You can expect questions about manufacturing and fabrication of a variety of different projects. Questions will be specific to a type of equipment or of a general nature. You will be questioned on cleaning, inspection, and replacement of all the different fasteners (snaps, rivets, slide fasteners, and hook and pile tape) used in a paraloft. You can expect questions on pattern design layout and cutting, as well as questions on repairing pockets, covers, snags, and tears. You can also expect questions on material cutting and template fabrication, as well as questions on impregnated items, webbing, and protective cover fabrication.</p>
---	---

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Aircrew Personal Protective Gear
<i>A skill</i> you are expected to perform from the General Skill Area above:	Maintain anti-g suits
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Anti-g suit cleaning and inspection procedures • Anti-g suit test and check procedures • Anti-g suit repair procedures • Anti-g suit custom-fit procedures • Anti-g suit troubleshooting procedures
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aircrew Survival Equipmentman 2, Chapter 4 (NAVEDTRA 10380) • Aviation Crew Systems Manual Aircrew Personal Protective Equipment, Chapter 6 (NAVAIR 13-1-6.7)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about the maintenance of anti-g suits. Questions will be specific to a type of equipment or of a general nature. You will be questioned on cleaning, inspecting, testing and checking, repairing, and customizing anti-g suits. You will also be questioned on troubleshooting procedures for anti-g suits.

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Aircrew Personal Protective Gear
<i>A skill</i> you are expected to perform from the General Skill Area above:	Maintain anti-exposure suits
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Anti-exposure suit cleaning and inspection procedures • Anti-exposure suit repair procedures • Anti-exposure suit custom fit procedures • Anti-exposure suit troubleshooting techniques • Anti-exposure suit test and check procedures
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Crew Systems Aircrew Personal Protective Equipment, Chapters 4 and 5 (NAVAIR 13-1-6.7) • Aircrew Survival Equipmentman 2, Chapter 4 (NAVEDTRA 10380)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about maintenance on anti-exposure suits. Questions will be specific to a type of equipment or of a general nature. You will be questioned on cleaning, inspecting, testing/checking, repairing, customizing, and troubleshooting anti-exposure suits.

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Aircrew Personal Protective Gear
<i>A skill</i> you are expected to perform from the General Skill Area above:	Maintain aircrew protective helmets
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Helmet communication system continuity check procedures • Helmet communication system component replacement procedures • Helmet visor component replacement procedures • Helmet refinishing procedures • Helmet form-fit mold liner installation procedures • Helmet cleaning and inspection procedures • Helmet functional check procedures
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Crew Systems Aircrew Personal Protective Equipment, Chapters 8 through 13 (NAVAIR 13-1-6.7) • Aircrew Survival Equipmentman 2, Chapter 4 (NAVEDTRA 10380)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about maintenance of aircrew protective helmets. Questions will be specific to a type of equipment or of a general nature. You will be questioned on continuity check procedures and component replacement on helmet communication systems. You will also be questioned on replacing components of a helmet and helmet visors, refinishing helmets and installing form-fit mold liner kits for helmets, as well as on cleaning and inspection procedures for helmets. In addition, you can expect questions on performing functional checks on helmets.

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Aircrew Personal Protective Gear
<i>A skill</i> you are expected to perform from the General Skill Area above:	Maintain aircraft shoulder harness and safety lap belt assemblies
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Shoulder harness and lap belt stenciling procedures • Shoulder harness and lap belt replacement
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Applicable maintenance requirement cards (MRCs) • Applicable maintenance instruction manuals (MIMs)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	<p>You can expect questions about the maintaining lap belts and shoulder harnesses. Questions will be specific to a type of equipment or of a general nature. You will be questioned on stenciling shoulder harnesses and lap belts. You will also be tested on shoulder harness and lap belt replacement.</p>

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Aircrew Personal Protective Gear
<i>A skill</i> you are expected to perform from the General Skill Area above:	Maintain night-vision goggles
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Night-vision goggle cleaning and inspection procedures • Night-vision goggle functional checks
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Applicable maintenance requirements cards (MRCs) • Applicable maintenance instruction manuals (MIMs)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about night-vision goggles. Questions will be specific to a type of equipment or of a general nature. You will be questioned on cleaning and inspection and on performing functional checks on night-vision goggles.

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Aircrew Personal Protective Gear
<i>A skill</i> you are expected to perform from the General Skill Area above:	Maintain oxygen masks
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Oxygen mask cleaning and inspection procedures • Oxygen mask component replacement procedures • Oxygen mask functional checks • Oxygen mask fitting procedures
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Crew Systems Aircrew Personal Protective Equipment, Chapter 14 (NAVAIR 13-1-6.7) • Aircrew Survival Equipmentman 2, Chapter 4 (NAVEDTRA 10380)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	<p>You can expect questions about maintenance procedures for the oxygen mask. Questions will be specific to a type of equipment or of a general nature. You will be questioned on cleaning, inspecting, and replacing components on oxygen masks as well as on fitting and performing functional checks on oxygen masks.</p>

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Aircrew Personal Protective Gear
A <i>skill</i> you are expected to perform from the General Skill Area above:	Maintain parachute systems
Knowledge you should have to perform this skill:	<ul style="list-style-type: none"> • Parachute assembly troubleshooting procedures • Parachute assembly cleaning and inspection procedures • Parachute assembly replacement procedures • Parachute assembly repair procedures • Parachute suspension line disentanglement procedures • Parachute assembly contaminant removal procedures • Parachute assembly component inspection and cleaning procedures • Parachute assembly component replacement procedures • Parachute component repair procedures • Parachute component lubrication procedures • Parachute packing and inspection procedures • Parachute automatic actuator altitude test procedures • Parachute spreader gun pull force test procedures • Parachute ripcord pull force test procedures • Parachute component stenciling procedures • Parachute assembly drogue packing procedures • Parachute assembly drogue cleaning and packing procedures • Parachute assembly drogue replacement and repair procedures • Parachute component inspection for expiration dates (service life) • Wax mixture preparation and usage

	<ul style="list-style-type: none"> • Tying procedures for the following knots: <ul style="list-style-type: none"> - Binder's knot - Bowline - Clove hitch - Half hitch - Lark's head knot - Overhand knot - Square knot - Surgeon's knot
<p><i>References</i> you should study to gain the knowledge you need to perform this skill:</p>	<ul style="list-style-type: none"> • Emergency Personnel and Drogue Parachute Systems, Work Packages 001 through 026 (NAVAIR 13-1-6.2) • Emergency Personnel and Drogue Parachute Systems, Work Package 002 00 pages 4 and 15 for knots (NAVAIR 13-1-6.2) • Aviation Crew Systems Seat Survival Kits, Glossary 4 (NAVAIR 13-1-6.3-2) • Aircrew Survival Equipmentman 2, Chapter 10 (NAVEDTRA 10380)
<p><i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:</p>	<p>You can expect questions about maintaining parachute assemblies and drogue assemblies. Questions will be specific to a type of equipment or of a general nature. You may be questioned on troubleshooting, cleaning, inspecting, and repairing parachute assemblies. You will also be questioned on replacement of parachute assemblies and on contaminant removal from parachute assemblies. In addition, you will be questioned on untangling parachute suspension lines. You will also be questioned on inspecting, cleaning, lubricating, repairing, or replacing parachute assembly components. Additionally, you will be questioned on parachute packing and parachute inspection as well as on test procedures for the parachute automatic actuator altitude test, the parachute spreader gun pull force test, and the parachute ripcord pull force test.</p>

	<p>Further, you will be questioned on parachute component stenciling procedures as well as on parachute component inspection for expiration dates (service life). You can also expect questions on packing, cleaning, and replacing drogue parachute assemblies. You will be questioned on tying a binder knot, a bowline, a clove hitch, a half hitch, a lark's head knot, an overhand knot, a square knot and a surgeon's knot with waxed (and the associated wax preparation) and unwaxed thread.</p>
--	--

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Aircrew Personal Protective Gear
<i>A skill</i> you are expected to perform from the General Skill Area above:	Maintain shoulder harness release systems and personnel restraint systems
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Harness release systems test and inspection procedures • Aircraft personnel restraints cleaning and inspection procedures
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Applicable maintenance requirement cards (MRCs) • Applicable maintenance instruction manuals (MIMs)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about maintaining harness release and personal restraint systems. Questions will be specific to a type of equipment or of a general nature. You will be questioned on inspection and test procedures for harness release systems and on cleaning and inspection of personnel restraint systems.

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Aircrew Personal Protective Gear
<i>A skill</i> you are expected to perform from the General Skill Area above:	Maintain torso harnesses
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Torso harness accessory equipment cleaning and inspection procedures • Torso harness accessory equipment inventory • Torso harness life preserver attachment
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Emergency Personnel and Drogue Parachute Systems, Chapters 8 and 9 (NAVAIR 13-1-6.2) • Aviation Crew Systems Aircrew Personal Protective Equipment, Chapters 3 and 7 (NAVAIR 13-1-6.7) • Aircrew Survival Equipmentman 2, Chapters 5 (NAVEDTRA 10380)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about maintaining torso harnesses. Questions will be specific to a type of equipment or of a general nature. You will be questioned on the cleaning, the inspection, and the inventory of torso harness accessory equipment. You can also expect questions on how to attach life preservers on torso harnesses.

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Survival and Rescue Gear
<i>A skill</i> you are expected to perform from the General Skill Area above:	Maintain helicopter emergency egress device system (HEEDS) bottles
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • HEEDS bottle refilling procedures • HEEDS bottle component replacement • HEEDS bottle repair procedures • HEEDS bottle replacement procedures
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Crew Systems Rescue and Survival Equipment, Chapter 14 (NAVAIR 13-1-6.5) • Aircrew Survival Equipmentman 2, Chapter 12 (NAVEDTRA 10380)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about the HEEDS. Questions will be specific to a type of equipment or of a general nature. You will be questioned on refilling HEEDS bottles and on replacing HEEDS bottle components. You will also be questioned on repair procedures for HEEDS bottles and the replacement of HEEDS bottles.

Advancement Handbook for PR3

<i>General PR Skill Area</i>	Survival and Rescue Gear
<i>A skill you are expected to perform from the General Skill Area above:</i>	Maintain life preservers
<i>Knowledge you should have to perform this skill:</i>	<ul style="list-style-type: none"> • Life preserver component replacement • Replacement of aircraft life preservers • Replacement of life preserver containers • Cleaning and servicing of life preservers • Life preserver repair • Inventory of life preserver accessory equipment • Cleaning and inspection of life preserver accessory equipment • Life preserver packing procedures
<i>References you should study to gain the knowledge you need to perform this skill:</i>	<ul style="list-style-type: none"> • Aviation Crew Systems Inflatable Survival Equipment, (Life Preservers), Chapters 1 through 27 (NAVAIR 13-1-6.1-2) • Aircrew Survival Equipmentman 2, Chapter 6 (NAVEDTRA 10380)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about maintaining life preservers. Questions will be specific to a type of equipment or of a general nature. You will be questioned on replacing life preserver components, replacing aircraft life preservers, replacing life preserver containers, repairing life preservers as well as cleaning and servicing life preservers. You will also be questioned on the inventory of life preserver accessory equipment, the cleaning and inspection of life preserver accessory equipment, and the packing procedures for life preservers.

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Survival and Rescue Gear
A <i>skill</i> you are expected to perform from the General Skill Area above:	Maintain life rafts
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Life raft cleaning and servicing • Life raft removal and installation • Life raft component replacement • Life raft aircraft release system functional check • Life raft accessory equipment inventory • Life raft inspection and functional checks • Life raft stenciling • Life raft packing • Flotation shop equipment turn-in for calibration • Inflatable survival equipment troubleshooting and leak check procedures
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Crew Systems Inflatable Survival Equipment, (Life Rafts), Chapters 1 through 11 (NAVAIR 13-1-6.1-1) • Aircrew Survival Equipmentman 2, Chapter 6 (NAVEDTRA 10380)

<p><i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:</p>	<p>You can expect questions about maintaining life preservers. Questions will be specific to a type of equipment or of a general nature. You will be questioned on cleaning and servicing life rafts, removing and installing life rafts, and replacing components of life rafts. In addition, you will also be questioned on the functional check of the life raft release system and the inventory of life raft accessory equipment as well as on the procedures for inspecting, stenciling, packing, and the functional checking of life rafts. Further, you will be questioned on calibration procedures for flotation shop equipment. You can also expect questions on troubleshooting and leak checking inflatable survival equipment.</p>
---	--

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Survival and Rescue Gear
<i>A skill</i> you are expected to perform from the General Skill Area above:	Maintain rescue equipment
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Rescue harness cleaning and inspection • Survival sling cleaning, inspection, and load-testing • Rescue litter sling cleaning and inspection • Rescue litter cleaning and inspection • Rescue hook cleaning and inspection • Quick-splice plate cleaning and inspection • Helicopter flotation bag troubleshooting • Helicopter flotation bag cleaning and inspection • Cable grip cleaning and inspection • Cable cutter cleaning and inspection
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • NATOPS Survival Manual, Chapter 2 (NAVAIR 00-80T-101) • Aviation Crew Systems Rescue and Survival Equipment, Chapters 3 through 7, and 13 (NAVAIR 13-1-6.5) • Aircrew Survival Equipmentman 2, Chapter 5 (NAVEDTRA 10380) • Naval Search and Rescue (SAR) Manual, Chapters 1 and 5 (NWP 3-50.1)

<p><i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:</p>	<p>You can expect questions about search and rescue equipment. Questions will be specific to a type of equipment or of a general nature. You will be questioned on the cleaning and inspecting of rescue harnesses, rescue litters, rescue litter slings, and rescue hooks as well as on the cleaning, inspecting, and load-testing of survival slings. In addition, you will be questioned on cleaning, inspecting, and troubleshooting helicopter flotation bags. You can also expect questions on cleaning and inspecting quick-splice plates, cable grips, and cable cutters.</p>
---	---

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Survival and Rescue Gear
<i>A skill</i> you are expected to perform from the General Skill Area above:	Maintain search and rescue (SAR) equipment
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • SAR swimmer's harness and survival vest distress light installation • SAR kit inventory • Air-droppable SAR kit inspection and packing
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Crew Systems Rescue and Survival Equipment, Chapters 9 through 12 (NAVAIR 13-1-6.5) • Aviation Crew Systems Aircrew Personal Protective Equipment, Chapter 7 (NAVAIR 13-1-6.7) • Aircrew Survival Equipmentman 2, Chapter 5 (NAVEDTRA 10380) • Naval Search and Rescue (SAR) Manual, Chapter 5 (WP 3-50.1)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about maintaining SAR kits and survival vests. Questions will be specific to a type of equipment or of a general nature. You will be questioned on the SAR swimmer's harness and survival vest distress light installation as well as the inventory of SAR kits. You can also expect questions on inspecting and packing air-droppable SAR kits.

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Survival and Rescue Gear
A <i>skill</i> you are expected to perform from the General Skill Area above:	Maintain survival beacons
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Survival beacon functional checks
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Crew Systems Rescue and Survival Equipment, Chapter 12 (NAVAIR 13-1-6.5) • Aircrew Survival Equipmentman 2, Chapter 5 (NAVEDTRA 10380) • Radio Beacon Set Manual, Chapters 1 through 6 (AN/URT-33A) • Radio Sets AN/PRC-90 and AN/PRC-90-2 Manual, Chapters 1 through 14 (NAVAIR 16-30PRC90-2)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about maintaining survival beacons. Questions will be specific to a type of equipment or of a general nature. You will be questioned on performing functional checks on different types of survival beacons.

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Survival and Rescue Gear
<i>A skill</i> you are expected to perform from the General Skill Area above:	Maintain survival equipment
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Distress light cleaning and inspection • Aircraft survival equipment inspection scheduling • Aircraft survival equipment cleaning and inspection • Aircraft survival equipment replacement • Aircraft-mounted first aid kit inventory • Survival gear hardware replacement
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • NATOPS Survival Manual, Chapters 6, and 7 (NAVAIR 00-80T-101) • Aviation Crew Systems Inflatable Survival Equipment, (Life Rafts), Chapters 2, 3, and 7 (NAVAIR 13-1-6.1-1) • Aviation Crew Systems Inflatable Survival Equipment, (Life Preservers), Chapters 2 and 3 (NAVAIR 13-1-6.1-2) • Aviation Crew Systems Rescue and Survival Equipment, Chapters 2, 9, 10, 11, 12 (NAVAIR 13-1-6.5) • Aviation Crew Systems Aircrew Personal Protective Equipment, Chapter 7 (NAVAIR 13-1-6.7) • Aircrew Survival Equipmentman 2, Chapters 4 and 5 (NAVEDTRA 10380)

<p><i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:</p>	<p>You can expect questions about scheduling inspections for aircraft survival equipment. Questions will be specific to a type of equipment or of a general nature. You will be questioned on cleaning and inspecting distress lights and aircraft survival equipment as well as on replacing aircraft survival equipment. You will also be questioned on the inventory of first aid kits and the replacement of hardware on survival gear.</p>
---	---

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Survival and Rescue Gear
<i>A skill</i> you are expected to perform from the General Skill Area above:	Maintain signaling devices
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Survival vest signaling mirror installation • Signaling mirror cleaning and inspecting • Survival vest signal kit installation • Survival vest signal flare installation • Survival vest cleaning and inspecting • Signal flare inspection
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Crew Systems Rescue and Survival Equipment, Chapter 9 (NAVAIR 13-1-6.5) • Aviation Crew Systems Aircrew Personal Protective Equipment, Chapter 7 (NAVAIR 13-1-6.7) • Aircrew Survival Equipmentman 2, Chapter 5 (NAVEDTRA 10380)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	<p>You can expect questions about maintaining equipment in survival vests. Questions will be specific to a type of equipment or of a general nature. You will be questioned on installing, cleaning, and inspecting signal mirrors as well as on installing signal kits and signal flares in survival vests. You will also be questioned on cleaning and inspecting survival vests and on inspecting signal flares.</p>

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Survival and Rescue Gear
<i>A skill</i> you are expected to perform from the General Skill Area above:	Maintain nonpyrotechnic survival accessories
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Nonpyrotechnic survival accessory disposal procedures
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Crew Systems Rescue and Survival Equipment, Chapters 1 and 2 (NAVAIR 13-1-6.5)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about disposal of nonpyrotechnic survival accessory equipment. Questions will be specific to a type of equipment or of a general nature.

Advancement Handbook for PR3

General PR <i>Skill Area</i>	General Maintenance
<i>A skill</i> you are expected to perform from the General Skill Area above:	Conduct special inspections
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Requirements of: <ul style="list-style-type: none"> - Special inspections - Phase inspections - Daily inspections
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • General Use Cartridges, Cartridge Actuated Devices for Aircraft and Unique Aircraft Systems, Chapters applicable to the specific equipment (NAVAIR 11-100-1.1) • Aviation Crew Systems Inflatable Survival Equipment Chapters applicable to specific piece of equipment (Life Rafts) (NAVAIR 13-1-6.1-1) • Aviation Crew Systems Inflatable Survival Equipment, Chapters applicable to specific equipment (Life Preservers) applicable to specific equipment (NAVAIR 13-1-6.1-2) • Emergency Personnel and Drogue Parachute Systems, Chapters applicable to specific equipment (NAVAIR 13-1-6.2) • Aviation Crew Systems Seat Survival Kits, Chapters applicable to specific equipment (NAVAIR 13-1-6.3-1) • Aviation Crew Systems Seat Survival Kits, Chapters applicable to specific equipment (NAVAIR 13-1-6.3-2) • Aviation Crew Systems Oxygen Equipment, Chapters applicable to specific equipment (NAVAIR 13-1-6.4)

	<ul style="list-style-type: none"> • Aviation Crew Systems Rescue and Survival Equipment, Chapters applicable to specific equipment (NAVAIR 13-1-6.5) • Aviation Crew Systems Aircrew Personal Protective Equipment, Chapters applicable to specific equipment (NAVAIR 13-1-6.7) • Aviation Crew Systems Aircrew Personal Protective Equipment (Armor A/P22P-18(V), Chapters applicable to specific equipment (NAVAIR 13-1-6.7) • Aircrew Survival Equipmentman 2, Chapters 2, 4, 5, 6, 7, 11, 12 (NAVEDTRA 10380) • The Naval Aviation Maintenance Program, (NAMP), Volume I, Chapters 13, 16 (OPNAVINST 4790.2) • The Naval Aviation Maintenance Program (NAMP), Volume III, Chapter 6, Appendix M (OPNAVINST 4790.2) • The Naval Aviation Maintenance Program (NAMP), Volume V, Chapter 13 (OPNAVINST 4790.2) • Applicable maintenance requirements cards (MRCs) • Applicable maintenance instruction manuals (MIMs)
<p><i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:</p>	<p>You can expect questions about performing inspections. Questions will be specific to a type of equipment or of a general nature. You will be questioned on performing special, phase, and daily inspections.</p>

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Tool Control
<i>A skill</i> you are expected to perform from the General Skill Area above:	Perform tool control program procedures
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Aviation tool box and tool pouch inventory • Aviation tool inventory review • Aviation tool inventory update • Tool identification mark application • Tool container cleaning and inspection • Missing tool search • Broken tool report preparation • Missing tool report preparation • Broken tool requisition preparation • Missing tool requisition preparation
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Maintenance Ratings, Chapter 6 (NAVEDTRA 12017) • The Naval Aviation Maintenance Program, (NAMP), Volume I, Chapter 15 (OPNAVINST 4790.2) • The Naval Aviation Maintenance Program (NAMP), Volume V, Chapter 13 (OPNAVINST 4790.2)

<p><i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:</p>	<p>You can expect questions about the tool control program. Questions will be specific to a type of equipment or of a general nature. You will be questioned on toolbox and tool pouch inventory, tool inventory review and update, applying identification marks to tools, cleaning and inspecting tool containers, and performing missing tool search procedures. You will also be questioned on drafting broken tool and missing tool reports and on preparing broken tool requisitions and missing tool requisitions.</p>
---	---

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Hazardous Material
A <i>skill</i> you are expected to perform from the General Skill Area above:	Update hazardous material inventories
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Hazardous material inventory update • Hazardous material storage procedures • Material Safety Data Sheet (MSDS) usage • Hazardous material safety precautions • Hazardous material container identification • Hazardous material disposal procedures
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Environmental and Natural Resources Program Manual, Chapters 3 and 12 (OPNAVINST 5090.1) • General Use Cartridges, Cartridge Actuated Devices for Aircraft and Unique Aircraft Systems, Chapter 1 (NAVAIR 11-100-1.1) • Aviation Crew Systems Inflatable Survival Equipment, (Life Rafts), Chapter 1 (NAVAIR 13-1-6.1-1) • Aviation Crew Systems Inflatable Survival Equipment, (Life Preservers), Chapter 1 (NAVAIR 13-1-6.1-2) • Aviation Crew Systems Oxygen Equipment, Chapter 1 (NAVAIR 13-1-6.4) • Aviation Crew Systems Aircrew Personal Protective Equipment, Chapter 13 (NAVAIR 13-1-6.7) • Aircrew Survival Equipmentman 2, Chapter 11 (NAVEDTRA 10380) • The Naval Aviation Maintenance Program (NAMP), Volume V, Chapter 20 (OPNAVINST 4790.2)

	<ul style="list-style-type: none"> • Navy Occupational Safety and Health Program Manual for Forces Afloat, Volume II, Chapter C23 (OPNAVINST 5100.19) • Navy Occupational Safety and Health Program Manual, Chapter 7 (OPNAVINST 5100.23) • Hazardous Materials User's Guide, Introduction, Groups 1 through 15 and 19
<p><i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:</p>	<p>You can expect questions about updating hazardous material storage areas. Questions will be specific to a type of material or of a general nature. You will be questioned on hazardous material storage and disposal procedures. You will also be questioned on hazardous material inventory updates, MSDS usage, safety precautions associated with hazardous materials, and hazardous material container identification.</p>

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Quality Assurance
<i>A skill</i> you are expected to perform from the General Skill Area above:	Perform inspections (other than daily, phase, and special)
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Requirements for: <ul style="list-style-type: none"> - Conditional inspection - Special inspections other than daily and phase • Equipment inspection scheduling
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Crew Systems Seat Survival Kits, Chapters 1 and 2 (NAVAIR 13-1-6.3-1) • Aviation Crew Systems Seat Survival Kits, Chapters 1 and 2 (NAVAIR 13-1-6.3-2) • Aviation Crew Systems Oxygen Equipment, Chapters 1 and 2 (NAVAIR 13-1-6.4) • Aviation Crew Systems Rescue and Survival Equipment, Chapters 1 and 2 (NAVAIR 13-1-6.5) • Aviation Crew Systems Aircrew Personal Protective Equipment, Chapters 1 and 2 (NAVAIR 13-1-6.7) • Aircrew Survival Equipmentman 2, Chapter 1 (NAVEDTRA 10380) • The Naval Aviation Maintenance Program, (NAMP), Volume I, Chapters 12 and 16 (OPNAVINST 4790.2) • Aviation Maintenance Ratings, Chapter 5 (NAVEDTRA 12017) • Local MRCs for specific community equipment requirements

<p><i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:</p>	<p>You can expect questions about performing conditional and special inspections. Questions will be specific to a type of equipment or of a general nature. You will also be questioned on the scheduling of survival and rescue equipment inspections.</p>
---	---

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Mechanical Administration
A <i>skill</i> you are expected to perform from the General Skill Area above:	Carry out survival equipment administrative procedures
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Aircrew survival equipment card filing • Ready for issue (RFI) and non-RFI (NRFI) documentation procedures • Aircrew survival equipment operating procedures • Naval Aviation Logistics Command Management Information System (NALCOMIS) data input procedures
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Crew Systems Inflatable Survival Equipment, (Life Rafts), Chapters 1 and 2 (NAVAIR 13-1-6.1-1) • Aviation Crew Systems Inflatable Survival Equipment, (Life Preservers), Chapters 1, 2, and 3 (NAVAIR 13-1-6.1-2) • Emergency Personnel and Drogue Parachute Systems, Chapters 002 00 and 003 00 (NAVAIR 13-1-6.2) • Aviation Crew Systems Seat Survival Kits, Chapters 1 and 2 (NAVAIR 13-1-6.3-1) • Aviation Crew Systems Seat Survival Kits, Chapters 1 and 2 (NAVAIR 13-1-6.3-2) • Aviation Crew Systems Oxygen Equipment, Chapters 1 and 2 (NAVAIR 13-1-6.4) • Aviation Crew Systems Rescue and Survival Equipment, Chapters 1 and 2 (NAVAIR 13-1-6.5) • Aviation Crew Systems Aircrew Personal Protective Equipment, Chapters 1 and 2 (NAVAIR 13-1-6.7)

	<ul style="list-style-type: none"> • Aviation Crew Systems Aircrew Personal Protective Equipment (Armor A/P22P-18(V), Chapters 1 and 2 (NAVAIR 13-1-6.7) • The Naval Aviation Maintenance Program, (NAMP), Volume I, Chapter 13 (OPNAVINST 4790.2) • The Naval Aviation Maintenance Program (NAMP), Volume III, Chapters 6 and 7 (OPNAVINST 4790.2) • The Naval Aviation Maintenance Program (NAMP), Volume V, Chapter 5 (OPNAVINST 4790.2)
<p><i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:</p>	<p>You can expect questions about maintaining aircrew survival equipment records. Questions will be specific to a type of equipment or of a general nature. You will be questioned on filing, updating, and filling out RFI and NRFI cards. You will also be questioned on demonstrating the operation of aircrew survival equipment and on inputting data into NALCOMIS.</p>

Advancement Handbook for PR3

General PR <i>Skill Area</i>	Corrosion Control
<i>A skill</i> you are expected to perform from the General Skill Area above:	Carry out corrosion prevention and treatment
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Aircraft corrosion inspection • Aircraft corrosion removal • Aircraft corrosion preventive compounds application • Aircraft washing • Stencil cutting • Decal application
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aircraft Weapons System Cleaning and Corrosion Control, Chapter 1 (NAVAIR 01-1A-509) • Aviation Maintenance Ratings, Chapter 4 (NAVEDTRA 12017) • The Naval Aviation Maintenance Program, (NAMP), Volume I, Chapters 12 and 16 (OPNAVINST 4790.2) • The Naval Aviation Maintenance Program (NAMP), Volume V, Chapters 14 and 18 (OPNAVINST 4790.2)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about corrosion prevention and treatment. Questions will be specific to a type of equipment or of a general nature. You will be questioned on inspecting for corrosion, removing of corrosion, aircraft washing, and applying corrosion preventive compounds. You will also be questioned on cutting stencils and applying decals.

Part 2

Advancement Handbook for PR2

Advancement Handbook for PR2

General PR <i>Skill Area</i>	Oxygen, Nitrogen and Liquid Oxygen System
A <i>skill</i> you are expected to perform from the General Skill Area above:	Troubleshoot liquid oxygen (LOX) converters
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • LOX converter troubleshooting
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Crew Systems Oxygen Equipment, Chapter 12 through 17 (NAVAIR 13-1-6.4) • Aircrew Survival Equipmentman 2, Chapters 11 and 12 (NAVEDTRA 10380)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about LOX converters. Questions will be specific to a type of equipment or of a general nature. You will be questioned on troubleshooting LOX converters.

Advancement Handbook for PR2

General PR <i>Skill Area</i>	Oxygen, Nitrogen and Liquid Oxygen System
A <i>skill</i> you are expected to perform from the General Skill Area above:	Prepare oxygen regulator test sheets
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Oxygen regulator test sheet drafting
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Crew Systems Oxygen Equipment, Chapter 8 (NAVAIR 13-1-6.4) • Aircrew Survival Equipmentman 2, Chapter 12 (NAVEDTRA 10380)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about drafting regulator test sheets.

Advancement Handbook for PR2

General PR <i>Skill Area</i>	Hazardous Material
<i>A skill</i> you are expected to perform from the General Skill Area above:	Conduct a hazardous material (HAZMAT) inventory
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • HAZMAT inventory review and update • HAZMAT storage procedures • HAZMAT safety precautions • HAZMAT container identification • HAZMAT disposal procedures • HAZMAT user's guide review • Material safety data sheet (MSDS) review
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Environmental and Natural Resources Program Manual, Chapters 3 and 12 (OPNAVINST 5090.1) • Aircrew Survival Equipmentman 2, Chapter 11 (NAVEDTRA 10380) • The Naval Aviation Maintenance Program (NAMP), Volume V, Chapter 20 (OPNAVINST 4790.2) • Navy Occupational Safety and Health Program Manual for forces Afloat, Volume I, Chapter B3 (OPNAVINST 5100.19) • Navy Occupational Safety and Health Program Manual for Forces Afloat, Volume II, Chapter C23 (OPNAVINST 5100.19) • Navy Occupational Safety and Health Program Manual, Chapter 7 (OPNAVINST 5100.23) • Hazardous Material User's Guide (CD-ROM), Introduction, Groups 1 through 9, 11, 12, 14, 15 and 19

<p><i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:</p>	<p>You can expect questions about HAZMAT. Questions will be specific to a type of HAZMAT or of a general nature. You will be questioned on HAZMAT storage procedures and disposal procedures. You will also be questioned on the safety precautions associated with HAZMAT and the identification of HAZMAT containers. Additionally, you will be questioned on HAZMAT inventory review and update as well as on review of HAZMAT inventories and updates and review of MSDS.</p>
---	---

Advancement Handbook for PR2

General PR <i>Skill Area</i>	Quality Assurance
<i>A skill</i> you are expected to perform from the General Skill Area above:	Perform aircraft acceptance and transfer inspections
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Aircraft acceptance inspection procedures • Aircraft transfer inspection procedures
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • The Naval Aviation Maintenance Program, (NAMP), Volume I, Chapter 12 (OPNAVINST 4790.2) • The Naval Aviation Maintenance Program (NAMP), Volume III, Chapter 6 (OPNAVINST 4790.2)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about aircraft acceptance and transfer inspections. Questions will be specific to a type of aircraft or of a general nature.

Advancement Handbook for PR2

General PR <i>Skill Area</i>	Quality Assurance
<i>A skill</i> you are expected to perform from the General Skill Area above:	Perform collateral duty inspections (CDIs)
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • CDI performance • CDI qualification requirements • CDI responsibilities • CDI stamp requirements
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • The Naval Aviation Maintenance Program, (NAMP), Volume I, Chapters 12, 14, and 18 (OPNAVINST 4790.2) • The Naval Aviation Maintenance Program (NAMP), Volume V, Chapter 13 (OPNAVINST 4790.2) • Aviation Maintenance Ratings, Chapter 6 (NAVEDTRA 12017)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	<p>You can expect questions about CDIs. Questions will be specific to a type of CDI or of a general nature. You will be questioned on CDI performance as well as on the responsibilities and qualifications of a CDI. You will also be questioned on CDI stamp requirements.</p>

Advancement Handbook for PR2

General PR <i>Skill Area</i>	Quality Assurance
<i>A skill</i> you are expected to perform from the General Skill Area above:	Perform quality assurance inspections (QA)
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Quality assurance in-progress inspection procedures • Quality assurance final inspection procedures
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aircrew Survival Equipmentman 2, Chapter 1, 4, 7, and 10 (NAVEDTRA 10380) • The Naval Aviation Maintenance Program, (NAMP), Volume I, Chapters 12 and 14 (OPNAVINST 4790.2) • The Naval Aviation Maintenance Program (NAMP), Volume V, Chapters 8 and 10 (OPNAVINST 4790.2)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about quality assurance inspections. Questions will be specific to a type of equipment or of a general nature. You will be questioned on performing in-progress and final quality assurance inspections.

Advancement Handbook for PR2

General PR <i>Skill Area</i>	Quality Assurance
A <i>skill</i> you are expected to perform from the General Skill Area above:	Monitor tool control program
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Tool boxes and pouches aviation inventory • Aviation tool inventory review • Update aviation tool inventory • Tool identification mark application • Tool container cleaning and inspection • Missing tool search procedures • Broken tool report preparation • Missing tool report preparation • Broken tool requisition preparation • Missing tool requisition preparation
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Maintenance Ratings Fundamentals, Chapter 6 (NAVEDTRA 12010-B • The Naval Aviation Maintenance Program, (NAMP), Volume I, Chapter 15 (OPNAVINST 4790.2) • The Naval Aviation Maintenance Program (NAMP), Volume V, Chapter 13 (OPNAVINST 4790.2)

<p><i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:</p>	<p>You can expect questions about monitoring the tool control program. Questions will be specific to a type of equipment or of a general nature. You will be questioned on tool box inventory and tool pouch inventory, tool inventory review and update, applying identification marks on tools, cleaning and inspecting tool containers, and performing missing tool searches. You will also be questioned on drafting broken tool reports, drafting broken tool requisitions, and drafting missing tool requisitions.</p>
---	--

Advancement Handbook for PR2

General PR <i>Skill Area</i>	Mechanical Administration
A <i>skill</i> you are expected to perform from the General Skill Area above:	Review equipment history records
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Equipment history record review procedures
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Crew Systems Inflatable Survival Equipment, (Life Rafts), Chapters 1 and 2 (NAVAIR 13-1-6.1-1) • Aviation Crew Systems Inflatable Survival Equipment, (Life Preservers), Chapters 1 and 2 (NAVAIR 13-1-6.1-2) • Emergency Personnel and Drogue Parachute Systems, Chapters 1 and 2 (NAVAIR 13-1-6.2) • Aviation Crew Systems Seat Survival Kits, Chapters 1 and 2 (NAVAIR 13-1-6.3-1) • Aviation Crew Systems Seat Survival Kits, Chapter 1 and 2 (NAVAIR 13-1-6.3-2) • Aviation Crew Systems Oxygen Equipment, Chapters 1 and 2 (NAVAIR 13-1-6.4) • Aviation Crew Systems Rescue and Survival Equipment, Chapter 1 and 2 (NAVAIR 13-1-6.5) • Aviation Crew Systems Aircrew Personal Protective Equipment, Chapters 1 and 2 (NAVAIR 13-1-6.7) • The Naval Aviation Maintenance Program, (NAMP), Volume I, Chapter 13 and 16 (OPNAVINST 4790.2) • The Naval Aviation Maintenance Program (NAMP), Volume II, Chapter 9 (OPNAVINST 4790.2)

<p><i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:</p>	<p>You can expect questions about equipment history records. Questions will be specific to a type of equipment or of a general nature. You will also be questioned on reviewing equipment history records.</p>
---	--

Advancement Handbook for PR2

General PR <i>Skill Area</i>	Mechanical Administration
A <i>skill</i> you are expected to perform from the General Skill Area above:	Review maintenance data reports
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Maintenance data report review procedures • Maintenance data report correction procedures
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Maintenance Ratings, Chapter1 (NAVEDTRA 12017) • The Naval Aviation Maintenance Program, (NAMP), Volume I, Chapter 2 (OPNAVINST 4790.2) • The Naval Aviation Maintenance Program (NAMP), Volume III, Chapters 3, 4, 5, 8, and 9 (OPNAVINST 4790.2) • The Naval Aviation Maintenance Program (NAMP), Volume IV Chapter 7 (OPNAVINST 4790.2) • The Naval Aviation Maintenance Program (NAMP), Volume V, Chapter 11 (OPNAVINST 4790.2)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about maintenance data reports, such as reviewing and correcting maintenance data reports. Questions will be specific to a type of maintenance data report or of a general nature.

Advancement Handbook for PR2

General PR <i>Skill Area</i>	Mechanical Administration
A <i>skill</i> you are expected to perform from the General Skill Area above:	Review daily audit reports
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none">• Daily audit report review procedures
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none">• The Naval Aviation Maintenance Program (NAMP), Volume III, Chapter 3 (OPNAVINST 4790.2)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about daily auditing. Questions will be specific to a type of equipment or of a general nature. You will be questioned on reviewing daily audit reports.

Part 3

Advancement Handbook for PR1

Advancement Handbook for PR1

General PR <i>Skill Area</i>	Hazardous Material
<i>A skill</i> you are expected to perform from the General Skill Area above:	Inspect hazardous material (HAZMAT) storage areas
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • HAZMAT storage area inspection procedures • HAZMAT storage area inspection • HAZMAT storage procedures • HAZMAT inventory update • HAZMAT safety precautions • HAZMAT container identification • HAZMAT disposal procedures
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Environmental and Natural Resources Program Manual, Chapters 3 and 12 (OPNAVINST 5090.1) • Aircrew Survival Equipmentman 2, Chapter 11 (NAVEDTRA 10380) • The Naval Aviation Maintenance Program (NAMP), Volume V, Chapter 20 (OPNAVINST 4790.2) • Navy Occupational Safety and Health Program Manual for Forces Afloat, Volume II, Chapter C23 (OPNAVINST 5100.19) • Navy Occupational Safety and Health Program Manual, Chapter 7 (OPNAVINST 5100.23)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about HAZMAT storage areas. Questions will be specific to a type of storage area or of a general nature. You will be questioned on inventory, storage, safety, container identification, and disposal procedures for HAZMAT. You also will be questioned on inspecting HAZMAT storage areas.

Advancement Handbook for PR1

General PR <i>Skill Area</i>	Quality Assurance
<i>A skill</i> you are expected to perform from the General Skill Area above:	Monitor corrosion control program
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Corrosion control program monitoring • Corrosion theory • Corrosion causes • Corrosion treatment methods • Corrosion identification • Corrosion inspection • Corrosion removal • Corrosion preventive compound application
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aircraft Weapons System Cleaning and Corrosion Control, Chapters 1 through 8 and 9 (NAVAIR 01-1A-509) • Aviation Maintenance Ratings, Chapter 4 (NAVEDTRA 12017) • The Naval Aviation Maintenance Program, (NAMP), Volume I, Chapters 12 and 16 (OPNAVINST 4790.2) • The Naval Aviation Maintenance Program (NAMP), Volume V, Chapters 14 and 18 (OPNAVINST 4790.2)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about the corrosion control program. Questions will be specific to a type of equipment or of a general nature. You will be questioned on monitoring the corrosion program, theory, causes, treatment and identification of corrosion. You will also be questioned on inspecting for corrosion, corrosion removal, and applying corrosion preventive compounds.

Advancement Handbook for PR1

General PR <i>Skill Area</i>	Mechanical Administration
A <i>skill</i> you are expected to perform from the General Skill Area above:	Draft quality deficiency reports (QDRs)
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • QDR drafting requirements
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Maintenance Ratings, Chapter 6 (NAVEDTRA 12017) • The Naval Aviation Maintenance Program, (NAMP), Volume II, Chapter 3 (OPNAVINST 4790.2) • The Naval Aviation Maintenance Program (NAMP), Volume V, Chapter 10 (OPNAVINST 4790.2)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about drafting QDRs.

Part 4

Advancement Handbook for PRC

Advancement Handbook for PRC

General PR <i>Skill Area</i>	Mechanical Administration
A <i>skill</i> you are expected to perform from the General Skill Area above:	Prepare maintenance Briefs
<i>Knowledge</i> you should have to perform this skill:	<ul style="list-style-type: none"> • Maintenance brief conducting • Maintenance brief attending • Equipment status report review • Workload verification procedures
<i>References</i> you should study to gain the knowledge you need to perform this skill:	<ul style="list-style-type: none"> • Aviation Maintenance Ratings, Chapter 7 (NAVEDTRA 12017) • The Naval Aviation Maintenance Program, (NAMP), Volume I, Chapter 12 (OPNAVINST 4790.2) • The Naval Aviation Maintenance Program (NAMP), Volume III, Chapters 2, 3, 5, 6, 7, 8 and 9 (OPNAVINST 4790.2)
<i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:	You can expect questions about preparing for maintenance briefs. Questions will be specific to a type of equipment or of a general nature. You will be questioned on conducting and attending maintenance briefs. You will also be questioned on equipment status reports and workload verification procedures.

Appendix A

References Used in This Advancement Handbook

Rating	Short Title	Long Title	Chapters/ Paragraphs	Stocking Point
PR3	HMUG	Hazardous Material User's Guide (CD-ROM)	Introduction, groups 1 through 15, and 19	Note 4
	NAVAIR A6-215PC-MEB-000	Maintenance Instructions with Illustrated Parts Breakdown	Chapters 1 through 17	Note 1
	NAVAIR 00-80T-101	NATOPS Survival Manual	Chapters 2, 3, and 7	Note 1
	NAVAIR 01-1A-509	Aircraft Weapons Systems Cleaning and Corrosion Control Manual	Chapter 1	Note 1
	NAVAIR 11-100-1.1	General Use Cartridges, Cartridge Actuated Devices for Aircraft and Unique Aircraft Systems	Chapters 1 and 2	Note 1
	NAVAIR 13-1-6.1-1	Aviation Crew Systems Inflatable Survival Equipment, (Life rafts)	Chapters 1 through 11	Note 1
	NAVAIR 13-1-6.1-2	Aviation Crew Systems Survival Equipment, (Life preservers)	Chapters 1 through 27	Note 1
	NAVAIR 13-1-6.2	Emergency Personnel and Drogue Parachute Systems	Work Packages 001 through 026	Note 1
	NAVAIR 13-1-6.3-1	Aviation Crew Systems Seat Survival Kits	Chapters 1 through 10	Note 1
	NAVAIR 13-1-6.4	Aviation Crew Systems Oxygen Equipment	Chapters 1 through 27	Note 1

Rating	Short Title	Long Title	Chapters/ Paragraphs	Stocking Point
PR3 (Cont)	NAVAIR 13-1-6.5	Aviation Crew Systems Rescue and Survival Equipment	Chapters 1 through 7 and 9 through 14	Note 1
	NAVAIR 13-1-6.7	Aviation Crew Systems Aircrew Personal Protective Equipment	Chapters 1 through 15	Note 1
	NAVAIR 16-30PRC90-2	Radio Sets, AN/PRC- 90 and AN/PRC90-2	Chapters 1 through 14	Note 1
	NAVAIR 16-30URT33-1	Radio Beacon Set Manual	Chapters 1 through 6	Note 1
	NAVEDTRA 10380	Aircrew Survival Equipmentman 2	Chapters 1 through 12	Note 1
	NAVEDTRA 12017	Aviation Maintenance Ratings	Chapters 4, 5, and 6	Note 1
	NWP 3-50.1	Naval Search and Rescue (SAR) Manual	Chapters 1 and 5	Note 1 and 3
	OPNAVINST 4790.2 Vol. I	Naval Aviation Maintenance Program (NAMP)	Chapters 5, 12, 13, and 16	Note 2
	OPNAVINST 4790.2 Vol. III	Naval Aviation Maintenance Program (NAMP)	Chapters 6, 7, and Appendix M	Note 2
	OPNAVINST 4790.2 Vol. V	Naval Aviation Maintenance Program (NAMP)	Chapters 13, 14, 18, and 20	Note 2
	OPNAVINST 5090.1	Environmental and Natural Resources Program Manual	Chapters 3 and 12	Note 2
	OPNAVINST 5100.19 Vol. II	Navy Occupational Safety and Health Program for Forces Afloat	Chapter C23	Note 2
	OPNAVINST 5100.23	Navy Occupational Safety and Health Program Manual	Chapter 7	Note 2

Rating	Short Title	Long Title	Chapters/ Paragraphs	Stocking Point
PR2	HMUG	Hazardous Material User's Guide (CD-ROM)	Introduction, Groups 1 through 9, 11, 12, 14, 15, and 19	Note 4
	NAVAIR 13-1-6.1-1	Aviation Crew Systems Inflatable Survival Equipment (Life rafts)	Chapters 1 and 2	Note 1
	NAVAIR 13-1-6.1-2	Aviation Crew Systems Inflatable Survival Equipment (Life preservers)	Chapters 1 and 2	Note 1
	NAVAIR 13-1-6.2	Emergency Personnel and Drogue Parachute Systems	Chapters 1 and 2	Note 1
	NAVAIR 13-1-6.3-1	Aviation Crew Systems Seat Survival Kits	Chapters 1 and 2	Note 1
	NAVAIR 13-1-6.3-2	Aviation Crew Systems Seat Survival Kits	Chapters 1 and 2	Note 1
	NAVAIR 13-1-6.4	Aviation Crew Systems Oxygen Equipment	Chapters 1, 2, 8, and 12 through 17	Note 1
	NAVAIR 13-1-6.5	Aviation Crew Systems Rescue and Survival Equipment	Chapters 1 and 2	Note 1
	NAVAIR 13-1-6.7	Aviation Crew Systems Aircrew Personal Protective Equipment	Chapters 1 and 2	Note 1
	NAVEDTRA 10380	Aircrew Survival Equipmentman 2	Chapters 1, 4, 7, 10, 11, and 12	Note 1
	NAVEDTRA 12010-B	Aviation Maintenance Ratings Fundamentals	Chapter 6	Note 1
	NAVEDTRA 12017	Aviation Maintenance Ratings	Chapters 1 and 6	Note 1

Rating	Short Title	Long Title	Chapters/ Paragraphs	Stocking Point
PR2 (Cont)	OPNAVINST 4790.2 Vol. I	Naval Aviation Maintenance Program (NAMP)	Chapters 2, 12 through 16, and 18	Note 2
	OPNAVINST 4790.2 Vol. II	Naval Aviation Maintenance Program (NAMP)	Chapter 11	Note 2
	OPNAVINST 4790.2 Vol. III	Naval Aviation Maintenance Program (NAMP)	Chapters 3, 6, 8 through 10, and 13	Note 2
	OPNAVINST 4790.2 Vol. IV	Naval Aviation Maintenance Program (NAMP)	Chapter 7	Note 2
	OPNAVINST 4790.2 Vol. V	Naval Aviation Maintenance Program (NAMP)	Chapters 11 and 20	Note 2
	OPNAVINST 5090.1	Environmental and Natural Resources Program Manual	Chapters 3 and 12	Note 2
	OPNAVINST 5100.19 Vol. I	Navy Occupation Safety and Health Program Manual for Forces Afloat	Chapter B3	Note 2
	OPNAVINST 5100.19 Vol. II	Navy Occupational Safety and Health Program Manual for Forces Afloat	Chapter C23	Note 2
	OPNAVINST 5100.23	Navy Occupational Safety and Health Program Manual	Chapter 7	Note 2
PR1	NAVAIR 01-1A-509	Aircraft Weapons System Cleaning and Corrosion Control	Chapters 1 through 9	Note 1
	NAVEDTRA 10380	Aircrew Survival Equipmentman 2	Chapter 11	Note 1
	NAVEDTRA 12017	Aviation Maintenance Ratings	Chapters 4 and 6	Note 1
	OPNAVINST 4790.2 Vol. I	Naval Aviation Maintenance Program (NAMP)	Chapters 12 and 16	Note 2
	OPNAVINST 4790.2 Vol. II	Naval Aviation Maintenance Program (NAMP)	Chapter 3	Note 2

Rating	Short Title	Long Title	Chapters/ Paragraphs	Stocking Point
PR1 (Cont)	OPNAVINST 4790.2 Vol. V	Naval Aviation Maintenance Program (NAMP)	Chapters 10, 14, 18, and 20	Note 2
	OPNAVINST 5090.1	Environmental and Natural Resources Program Manual	Chapters 3 and 12	Note 2
	OPNAVINST 5100.19 Vol. II	Navy Occupational Safety and Health Program Manual for Forces Afloat	Chapter C23	Note 2
	OPNAVINST 5100.23	Navy Occupational Safety and Health Program Manual	Chapter 7	Note 2
PRC	NAVEDTRA 12017	Aviation Maintenance Ratings	Chapter 7	Note 1
	OPNAVINST 4790.2 Vol. I	Naval Aviation Maintenance Program (NAMP)	Chapter 12	Note 2
	OPNAVINST 4790.2 Vol. III	Naval Aviation Maintenance Program (NAMP)	Chapters 2, 3, 5, 6, 7, 8, and 9	Note 2

LEGEND:

Note 1 — To order, MILSTRIP to NAVICP PHILA (Stock No. from NAVSUP P2002) or via INTERNET <http://www.nll/navsup.navy.mil/>

Note 2 — INTERNET – <http://neds.nebt.daps.mil/>

Note 3 — NTIC Series B1 (CD-ROM) (See your command NWP Custodian)

Note 4 — HMC&M/HMIS CD-ROM

Letter request to: Commanding Officer
ATTN: CD-ROM Team, Code N9113
NCTAMSLANT
9456 Fourth Avenue, Suite 215A
Norfolk, Va. 23511-2199
Commercial: (757) 445-9192
DSN: 565-9192